

1 CLAIMS

2 What is claimed is:

3  
4 1. A machine for finishing automotive wheels comprising;  
5 a rotatable turret;  
6 a plurality of containers that are journaled on said turret and capable of selective  
7 rotation independent of said turret;  
8 a plurality of removable cartridges insertable from the end into each of said  
9 containers for holding automotive wheels in said cartridges for selective reception of  
10 said media about the wheels.  
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13 2. A machine as claimed in claim 1 wherein said turret has openings for  
14 receiving said cartridges for insertion into said containers.  
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16 3. A machine as claimed in claim 1 further comprising a plurality of two part  
17 supports for placement around said wheels that stably hold said automotive wheels in  
18 said cartridges for selective reception of said media about the surface that require  
19 finishing on the wheels.  
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21 4. A machine as claimed in claim 3 wherein said supports are cushioned  
22 about the surface that makes contact with said wheels.  
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25 5. A machine as claimed in claim 1 wherein said cartridges are generally  
cylindrical having a hexagonal cross section.

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2        6.     A machine as claimed in claim 5 wherein said containers are generally  
3 cylindrical.

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5        7.     A machine as claimed in claim 1 wherein said containers are barrel cages.

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7        8.     A machine for finishing automotive wheels comprising:  
8 a rotatable turret;  
9 a plurality of barrel cages that are journaled on said turret and capable of  
10 selective rotation independent of said turret;  
11 a plurality of cartridges capable of receiving media and of being stably held inside  
12 barrel cages; and  
13 a fixture in said cartridges that holds automotive wheels in said containers for  
14 reception of said media.  
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17        9.     A machine as claimed in claim 8 wherein said cartridges are generally  
18 cylindrical having a hexagonal cross section.  
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20        10.    The invention of claim 8 wherein said fixture is a plurality of two-part  
21 cushioned supports for placement around said wheels.  
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23        11.    The machined as claimed in claim 8 wherein said cartridges are end  
24 loaded into said barrel cages and stably held therein.  
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1           12.    The machine as claimed in claim 8 wherein said cartridges are end loaded  
2 via a conveyor into the barrel cages and stably held therein.

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4           13.    The machine as claimed in claim 8 wherein said turrets have openings for  
5 receiving said cartridge into said cages.

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7           14.    The machine as claimed in claim 8 wherein said fixture comprises a two  
8 part support about each wheel that is capable of permitting selective reception of said  
9 media about the surface of the wheel that requires finishing.

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11           15.    A machine for finishing automotive wheels comprising;  
12           a rotatable turret;  
13           a plurality of containers that are journaled on said turret and capable of selective  
14 rotation independent of said turret;  
15           a plurality of removable cartridges insertable from the end of the turret into each  
16 of said containers and fixed in said containers at an incline, said cartridges holding  
17 automotive wheels for selective reception of said media about the wheels.

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19           16.    The machine as claimed in claim 15 wherein said incline is approximately  
20 5 to 10 degrees.

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22           17.    The machine as claimed in claim 15 wherein said cartridges are loaded  
23 via an inclined ramp.  
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